

S.N.: 10/798,815
Art Unit: 2878

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Previously Presented) A system for displaying an image captured by a sensor array, the system comprising:

- a buffer for storing an output from a first plurality of sensors of a sensor array;
- means for processing the stored output to create an image corresponding to an output from a plurality of sensors within a first area of the sensor array, wherein the plurality of sensors within the first area of the sensor array are a subset of the first plurality of sensors;
- means for displaying the image;
- a memory for receiving and storing the image; and
- means for changing the image displayed by translating the first area.

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Original) A system as claimed in claim 1, comprising a display for displaying the image corresponding to the output from the plurality of sensors within the first area of the sensor array.

7. (Original) A system as claimed in claim 1, comprising a user input device for controlling the translation of the first area within the sensor array.

S.N.: 10/798,815
Art Unit: 2878

8. (Original) A system as claimed in claim 7, wherein the user input device controls translation in a first direction and, independent translation in a second direction, substantially perpendicular to the first direction.

9. (Original) A system as claimed in anyone of claims 7, wherein the first user input device is additionally arranged to resize the first area.

10. (Original) A system as claimed in claim 9, wherein the user input device is arranged to simultaneously resize and translate the first area.

11. (Original) A system as claimed in claim 1, wherein the means for displaying an image comprises a processor.

12. (Previously Presented) A method for displaying an image, the method comprising:
temporarily storing an output from a first plurality of sensors of a sensor array;
processing the stored output to create an image corresponding to an output from a plurality of sensors within a first area of the sensor array, wherein the plurality of sensors within the first area of the sensor array are a subset of the first plurality of sensors;
displaying the image corresponding to an output from the plurality of sensors within the first area of the sensor array;
receiving and storing the image in a memory; and
displaying a different image in response to a user input that is equivalent to translating the first area within the sensor array.

13. (Previously Presented) A system for displaying an image, the system comprising:
a buffer for storing an output from a first plurality of sensors of a sensor comprising an $N \times M$ array of light sensors,
a processor for processing the stored output to create an image comprising an $n \times m$ array of pixels corresponding to an output from an $n \times m$ subset of the $N \times M$ array of light sensors, wherein the $n \times m$ subset of light sensors are a subset of the first plurality of sensors, and for

S.N.: 10/798,815
Art Unit: 2878

controlling a display to display the image, wherein the corresponding $n \times m$ subset is changeable in response to a user input to vary the image for display; and
a memory for receiving and storing the image.

14. (Previously Presented) A system as in claim 1, wherein the system is incorporated in a digital camera.

15. (Previously Presented) A system as in claim 10, wherein the system is incorporated in a digital camera.

16. (Previously Presented) A system as in claim 15, wherein said resizing corresponds to a digital zoom.

17. (Previously Presented) A system as in claim 16, wherein said translating of said first area is accomplished by a command.

18. (Previously Presented) A system as in claim 17, wherein resizing forms an image that is larger than said image created by said processing means.

19. (Previously Presented) A system as in claim 17, wherein resizing forms an image that is smaller than said image created by said processing means.

20. (Previously Presented) A system as in claim 17, comprising a memory for receiving and storing the image.

21. (Previously Presented) A system as in claim 20, wherein the memory is a built-in permanent memory.

22. (Previously Presented) A system as in claim 20, wherein the memory is a removable memory.

S.N.: 10/798,815
Art Unit: 2878

23. (Previously Presented) A system as claimed in claim 1, wherein the memory is for receiving and storing the output from the first plurality of sensors of the sensor array.

24. (Previously Presented) A system as claimed in claim 7, wherein the user input device is connected to the means for processing via a wireless link.

25. (Previously Presented) A system as in claim 1, wherein the system is incorporated in a portable handheld device.

26. (Previously Presented) A system as in claim 25, wherein the portable handheld device is a mobile phone.

27. (Previously Presented) A system as in claim 25, wherein the portable handheld device is a personal digital assistant.

28. (Previously Presented) A system as in claim 22, wherein the removable memory is a secure digital card.

29. (Previously Presented) A system as in claim 22, wherein the removable memory is a microdrive.